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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|--------------------------------------------------------------------|-------------|----------------------|---------------------------|------------------|
| 09/750,366 | 12/27/2000 | Jonathan S. Goldick | MS | 7308 |
| 23552 | 7590 | 02/22/2006 | 154771.1/40062.95-US-0 | |
| MERCHANT & GOULD PC P.O. BOX 2903 MINNEAPOLIS, MN 55402-0903 | | | EXAMINER NGUYEN, CINDY | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 2161 | |

DATE MAILED: 02/22/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Supplemental
Notice of Allowability**

Application No.

09/750,366

Examiner

Cindy Nguyen

Applicant(s)

GOLDICK, JONATHAN S.

Art Unit

2161

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the communication on February 01, 2006.
2. ☒ The allowed claim(s) is/are 1,2,5,7-14 and 16-21 now renumbered 1-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


SAFET METJANI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER

DETAILED ACTION

1. This is in response to communication on February 1, 2006.

Examiner's amendment

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Timothy B. Scull on February 1, 2006.

The following is an examiner's amendment:

Claim 17:

A computer program product embodied in a storage medium readable by a computer and encoding instructions for executing a computer process for managing version-specific information for a file within a file system, said computer process comprising:

storing version-specific information as en a version-specific attribute associated with the file, wherein the version-specific attribute comprises meta information relating to a virus scanning application that is independent from an application used to create the file and mask information providing information related to predetermined events which invalidate the version-specific attribute; and

invalidating the version-specific attribute in response to a predetermined access attempt.

Allowable Subject Matter

3. Claims 1, 2, 5, 7-14 and 16-21 are allowed.

The following is an examiner's statement of reasons for allowance: the prior art of record failed to disclose: a method, a computer readable medium having stored hereon a data structure for executing a computer process of providing a file stored in a computer system with version-specific information relating to a virus scanning application that is independent from an application used to create a file, the method comprising: maintaining the version specific attribute to reflect relevant updates to the file by automatically invalidating the version specific information in response to a predetermined event wherein the version specific attributed comprise mask information providing information related to which predetermined events invalidate the version specific information as recited in claims 1 , 10, 13.

the prior art of record failed to disclose: a computer program product embodied in a storage medium readable by a computer and encoding instructions for executing a computer process for managing version specific information for a file within a file system, said computer process comprising wherein the version specific attribute comprises meta information relating a virus scanning application that is independent from an application used to create a file and mask information providing information

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related to predetermined events which invalidate the version specific attribute as recited in claim 17.

Claims 2, 5, 7-9, 14, 16 and 18-21 depend on these independent claims above. Therefore, they are allowed for the same reasons.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cindy Nguyen whose telephone number is 703-305-4698. The examiner can normally be reached on M-F: 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Safet Metjahic can be reached on 703-308-1436. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications and 703-872-9306 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.


Cindy Nguyen

February 1, 2006


SAFET METJAHIC
ADVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100